

SEQUENCE LISTING

<110> Ballinger, Dennis G.  
Montgomery, Julie R.

<120> Growth Factor Antagonist Materials and Methods

<130> 28110/35878

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<170> PatentIn Ver. 2.0

<210> 1

<211> 1662

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (211)..(1107)

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acacagacgt ggggcgatgc ttgtgacctc gcagctcctc aaaggccctt agaagcctgt 180
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Ala Pro Leu Thr Pro Asn Ser Val Met Val Gln Pro Leu Leu Asp Ser
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Lys Arg Thr Arg Gly Gly Ala Pro Glu Leu Ala Pro Thr Pro Ala Arg  
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Cys Asp Gln Asp Val Thr His His Trp Ile Ser Phe Ser Gly Arg Pro  
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Pro Ser Cys Trp Val Cys Asn Gln Glu Cys Leu Cys Ser Ala Gln Thr  
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Leu Val Asn Tyr Gly Thr Cys Met Cys Leu Val Gln Gly Ile Phe Tyr  
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Pro Gly Leu Lys Pro Ala Pro Arg Pro Ser Thr Gln His Lys His Glu  
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Arg Leu His Gly Leu Pro Glu His Arg Gln Pro Pro Arg Leu Gln His  
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Ser Gln Val His Ser Ser Ala Arg Ala Pro Leu Ser Arg Ser Ile Ser  
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Thr Val Ser Ser Gly Ser Arg Ser Ser Thr Arg Thr Ser Thr Ser Ser  
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Ser Ser Ser Glu Gln Arg Leu Leu Gly Ser Ser Phe Ser Ser Gly Pro  
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Arg Pro Leu Pro Ser Asp Trp Ile Cys Asp Lys Gln Cys Leu Cys Ser  
195 200 205

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 Lys Gly Cys Leu Lys Leu Cys Gln Gly Cys Tyr Asp Arg Val Asn Arg  
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Val Glu Asn Asp Tyr Ile Asp Asn Pro Ser Leu Ala Pro Ala Thr Gly  
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Pro Lys Arg Pro Arg Gly Gly Pro Pro Glu Leu Ala Pro Thr Pro Ala  
65 70 75 80

Arg Cys Asp Gln Asp Ile Thr His His Trp Ile Ser Phe Ser Gly Arg  
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Pro Ser Ser Val Ser Ser Ser Ser Thr Ser Ser Asp Gln Arg Leu  
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Ala Val Arg Leu Gln Pro Lys Val Val His Cys Lys Pro Leu Asp Leu  
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Lys Gly Pro Thr Ala Pro Pro Glu Leu Asp Lys His Phe Leu Leu Cys  
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Glu Ala Cys Gly Lys Cys Lys Cys Lys Glu Cys Ala Ser Pro Arg Thr  
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Leu Pro Ser Cys Trp Val Cys Asn Gln Glu Cys Leu Cys Ser Ala Gln  
180 185 190

Thr Leu Val Asn Tyr Gly Thr Cys Met Cys Leu Val Gln Gly Ile Phe  
195 200 205

Tyr His Cys Thr Asn Glu Asp Asp Glu Gly Ser Cys Ala Asp His Pro  
210 215 220

Cys Ser Cys Ser Gly Ser Asn Cys Cys Ala Arg Trp Ser Phe Met Gly  
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Ala Leu Ser Val Val Leu Pro Cys Leu Leu Cys Tyr Leu Pro Ala Thr  
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Gly Cys Val Lys Leu Ala Gln Arg Gly Tyr Asp Arg Leu Arg Arg Pro  
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Gly Asp Thr Lys Thr Ser Arg Ser Asp Lys Pro Phe  
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Arg	Cys	Glu	Asp	Cys	Gly	Lys	Cys	Lys	Cys	Lys	Glu	Cys	Thr	Tyr	Pro				
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Leu	Phe	Tyr	His	Cys	Ser	Asn	Asp	Asp	Glu	Asp	Asn	Cys	Ala	Asp	Asn				
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Pro	Cys	Ser	Cys	Ser	Gln	Ser	His	Cys	Cys	Thr	Arg	Trp	Ser	Ala	Met				
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Gly	Val	Met	Ser	Leu	Phe	Leu	Pro	Cys	Leu	Trp	Cys	Tyr	Leu	Pro	Ala				
260					265					270									
Lys	Gly	Cys	Leu	Lys	Leu	Cys	Gln	Gly	Cys	Tyr	Asp	Arg	Val	Asn	Arg				
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Lys Ala Asp Gly Ala Leu Lys Gly Glu Ala Glu Gln Ser Ala Gly His  
35 40 45  
Pro Ser Glu His Leu Phe Ile Cys Glu Glu Cys Gly Arg Cys Lys Cys  
50 55 60  
Val Pro Cys Thr Ala Ala Arg Pro Leu Pro Ser Cys Trp Leu Cys Asn  
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